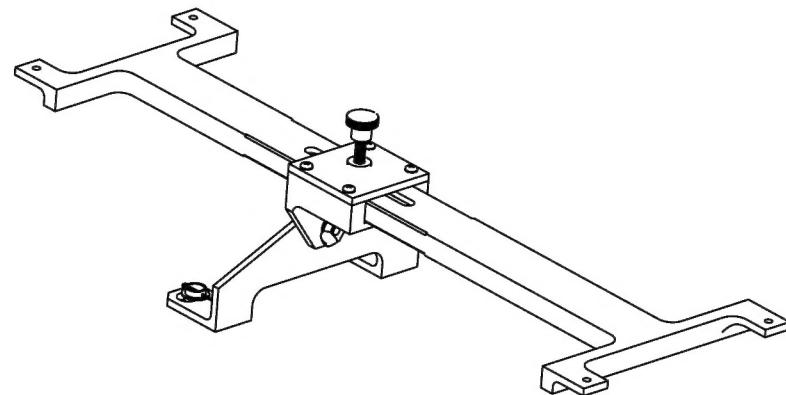
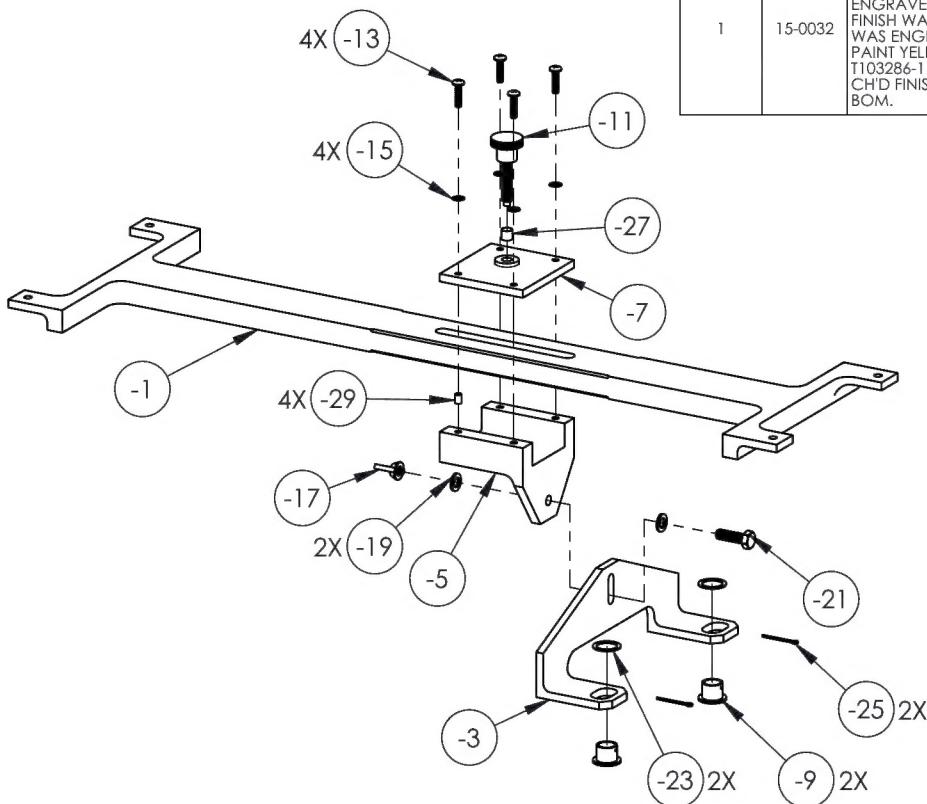


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE		
			INITIAL		
1	15-0032	-1 SLOT LOCATION WAS ON WRONG SIDE, MOVED TO OPPOSITE SIDE (FLAT SIDE). CH'D ENGRAVE NOTE WAS ENGRAVE T/N, P/N. MADE IN USA IS ENGRAVE T/N, S/N, MADE IN USA, ADDED ENGRAVE "-103" NOTE. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -3 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-101. ADDED ENGRAVE "-105". CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -5 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-113. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -7 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-115. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -9 CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE. -31 DELETED FROM BOM.	2/4/2015	RJC	JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE	6061		2
			-3	1	BRACKET	6061		3
			-5	1	SLIDE	6061		4
			-7	1	PLATE	6061		5
			-9	2	TUBE	6061		6
			-11	1	KNOB	STEEL	5/16-18 (MCMASTER-CARR #6079K17) MODIFIED	7
B/O			-13	4	SCREW	STEEL	10-32 X 23/32 (AIRCRAFT SPRUCE #MS27039-1-11)	1
B/O			-15	4	WASHER	STEEL	# 10 (AIRCRAFT SPRUCE #MS35333-39)	1
B/O			-17	1	WING NUT	STEEL	5/16-24 (MCMASTER-CARR #90866A130)	1
B/O			-19	2	WASHER	ALUMINUM	5/16 (AIRCRAFT SPRUCE #AN960PD-516)	1
B/O			-21	1	BOLT	STEEL	5/16-24 (AIRCRAFT SPRUCE #NAS6605-10)	1
B/O			-23	2	WASHER	S.S.	7/8 OD (MCMASTER-CARR #93574A865)	1
B/O			-25	2	COTTER PIN	STEEL	Ø1/16 X 1 (MCMASTER-CARR #98338A110)	1
B/O			-27	1	THREAD INSERT	S.S.	5/16-18 X 5/16 (MCMASTER-CARR #91732A372)	5
B/O			-29	4	THREAD INSERT	S.S.	10-32 X .285 (MCMASTER-CARR #91732A231)	1, 4

NOTE:
REF. BELL T/N: T103286-101.

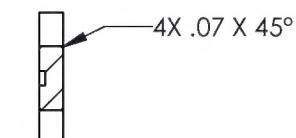
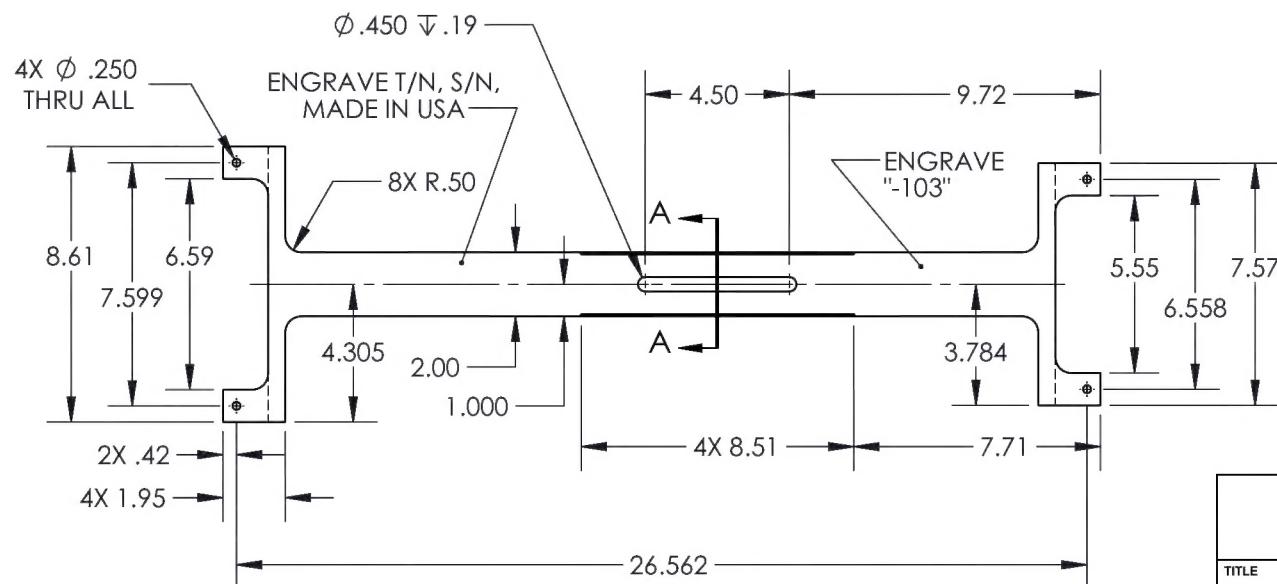
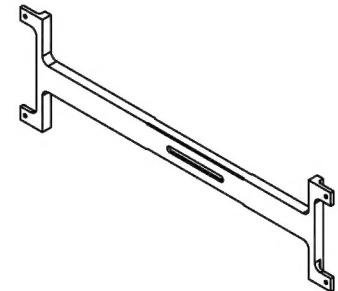
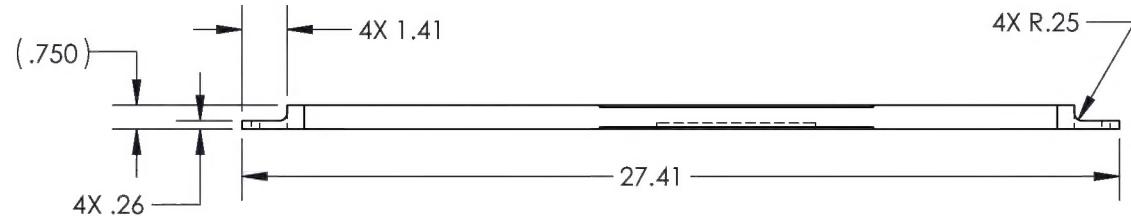
DART
AEROSPACE

CENTERING TOOL

TITLE	DWG NO.	REV
	RB T103286-101	1
MAT'L	DRAWN BY:	GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SPEC	APPROVED	D Weil
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL	BELL 412
SCALE 1:6	DATE 7/26/2011	SHEET 1 OF 7

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0032	-1 SLOT LOCATION WAS ON WRONG SIDE, MOVED TO OPPOSITE SIDE (FLAT SIDE). CH'D ENGRAVE NOTE WAS ENGRAVE T/N, P/N, MADE IN USA IS ENGRAVE T/N, S/N, MADE IN USA, ADDED ENGRAVE "-103" NOTE. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC	JAG



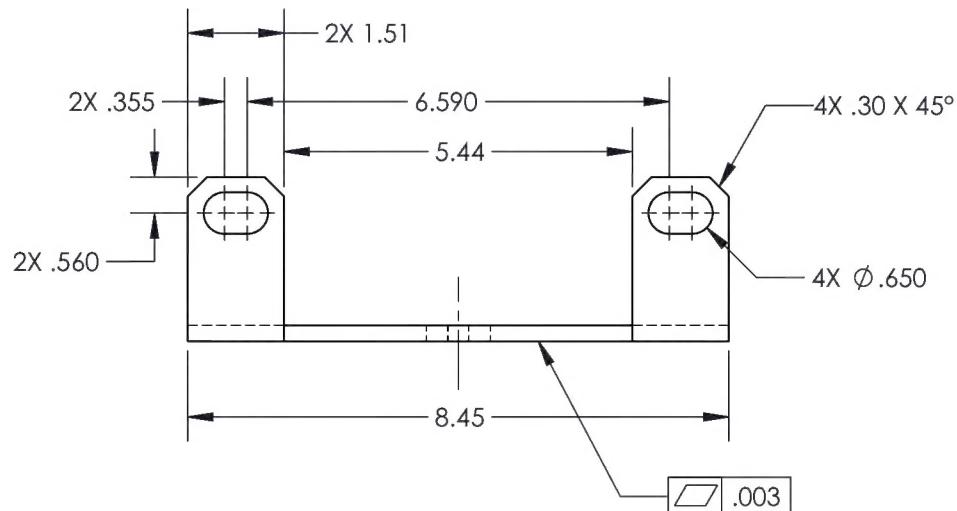
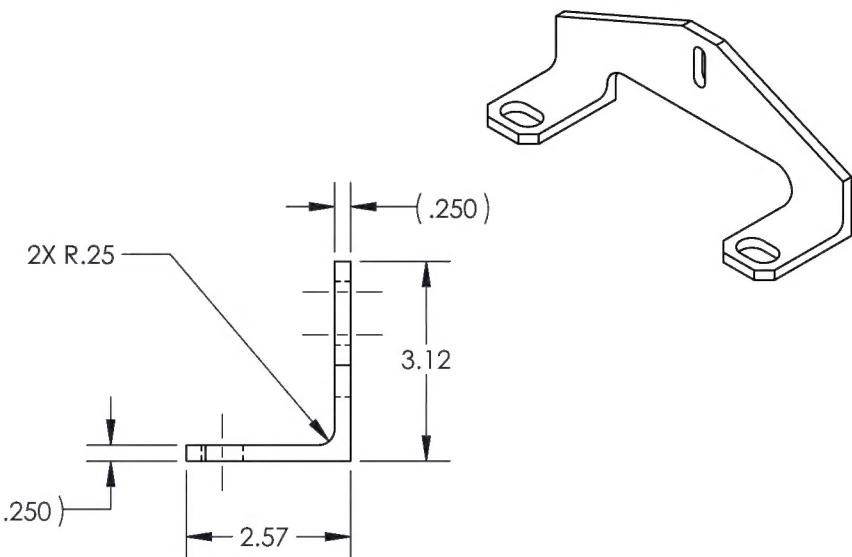
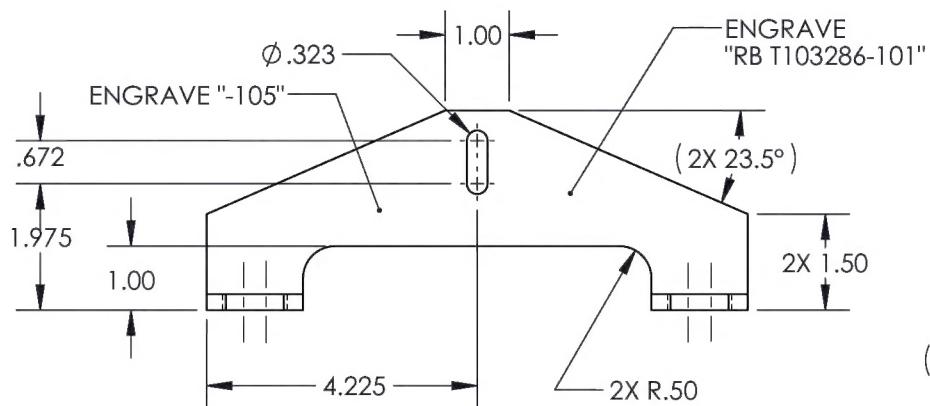
(-1)

BASE

DART AEROSPACE	
TITLE	
DWG NO. RB T103286-101-1 REV 1	
MAT'L 6061 DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED APPROVED D Weil	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
HEAT TREAT FINISH RED ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45° SPEC MIL-A-8625F, TYPE II, CLASS II	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL	
PLATING BELL 412	
SCALE 1:6	DATE 7/26/2011
SHEET 2 OF 7	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVIEWS			DESCRIPTION			DATE	INITIAL	APPROVED
REV	ECR							
1	15-0032	-3	CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-101". CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.			2/4/2015	RJC	JAG



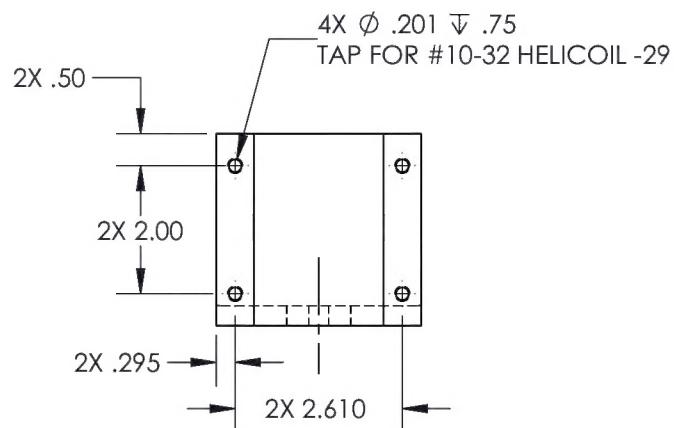
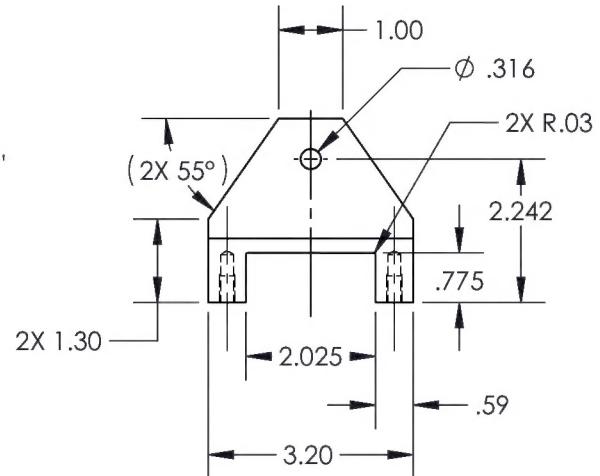
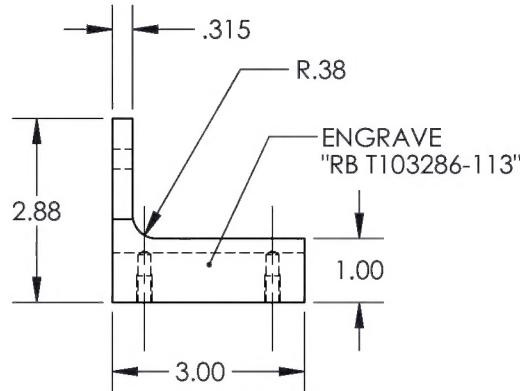
(-3)

BRACKET

DART AEROSPACE	
TITLE	
DWG NO. RB T103286-101-3	
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED D Weil
HEAT TREAT	FINISH RED ANODIZE
SPEC MIL-A-8625F, TYPE II, CLASS II	USED ON MODEL BELL 412
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	PLATING
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE 1:3	DATE 7/26/2011
SHEET 3 OF 7	

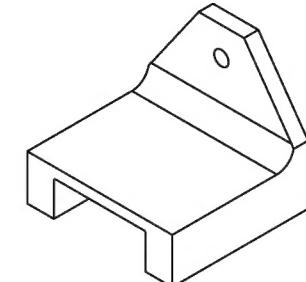
This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVIEWS		
REV	ECR	DESCRIPTION
1	15-0032	-5 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-113. CH'D NOTE 2 FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.



(-5)

SLIDE

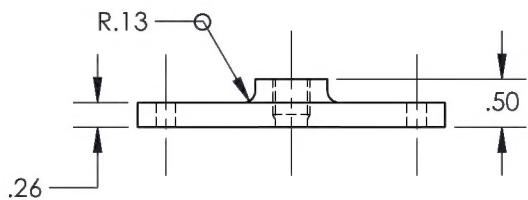
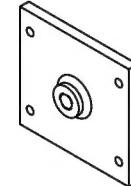
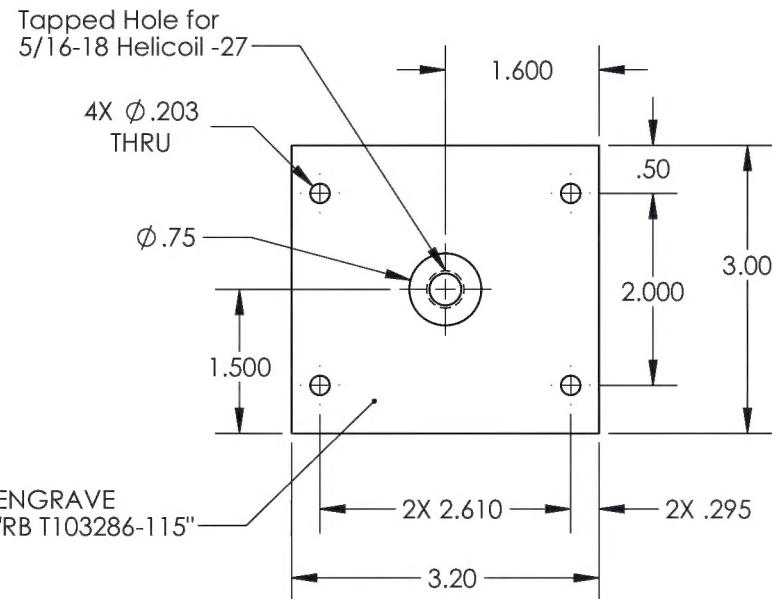


NOTE:
1. INSTALL 4 -29(THREAD INSERT).

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-5
MAT'L	6061
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SPEC	MIL-A-8625F, TYPE II, CLASS II
USED ON MODEL	BELL 412
SCALE	1:3
DATE	7/26/2011
SHEET 4 OF 7	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	15-0032	-7 CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE "RB T103286-115. CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.			2/4/2015	RJC	JAG



(-7)

PLATE

NOTE:
1. INSTALL 1 -27 (THREAD INSERT).

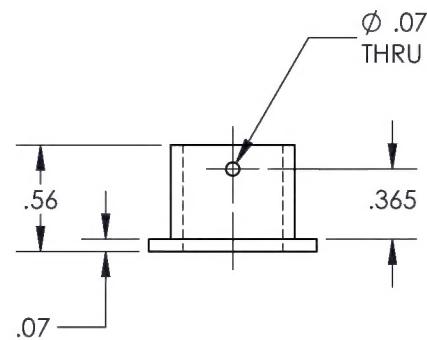
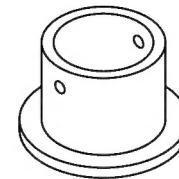
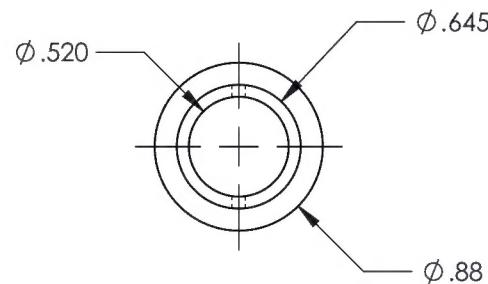
DART
AEROSPACE

TITLE

DWG NO.	REV
RB T103286-101-7	1
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED D Weil
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	HEAT TREAT
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	FINISH RED ANODIZE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC MIL-A-8625F, TYPE II, CLASS II
	USED ON MODEL BELL 412
SCALE 1:2	DATE 7/26/2011
	SHEET 5 OF 7

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR		DESCRIPTION	DATE	INITIAL
1	15-0032	-9	CH'D FINISH WAS CLEAR ANODIZE ZINC PRIMER PAINT YELLOW IS RED ANODIZE.	2/4/2015	RJC JAG



(9)

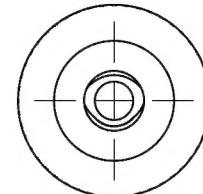
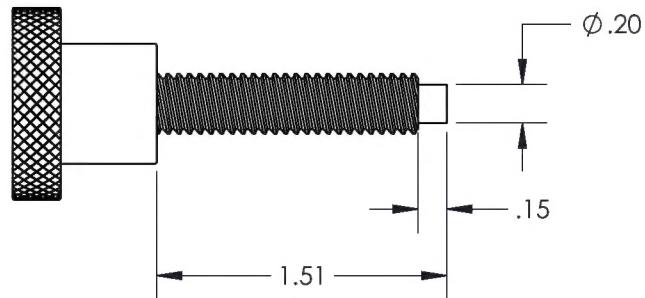
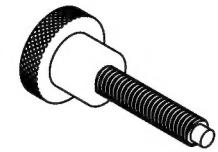
TUBE

DART AEROSPACE	
TITLE	
DWG NO.	RB T103286-101-9
MAT'L	6061
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SPEC	MIL-A-8625F, TYPE II, CLASS II
USED ON MODEL	BELL 412
SCALE	1:1
DATE	7/27/2011
SHEET 6 OF 7	

REV
1

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
-----	-----	-----------	-------------	------	---------	----------



(-11)

KNOB

TITLE			
DWG NO.	RB T103286-101-11		
MAT'L	STEEL	DRAWN BY:	GILBERT
UNLESS OTHERWISE SPECIFIED		APPROVED	D Weil
DIMENSIONS ARE IN INCHES		HEAT	TREAT
.XXX ± .005	FRACTIONS ± 1/8	TREAT	FINISH
.XX ± .01	ANGLES ± 5°	BLACK OXIDE	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL	
OR .015R		BELL 412	
2. DIMENSIONAL LIMITS APPLY AFTER		PLATING	
PLATING			
SCALE	1:1	DATE	7/26/2011
		SHEET 7 OF 7	